

Reel # 450
Protsenko, Ye. G.

SHVAYKA, O.P.; KONOVCHEK, M.S.; PROTSENKO, Ye.G. [Protsenko, I.E.H.]

Automatic control of the nitrosation of phenylhydroxylamine
in the production of Cupferron. Khim. prom. [Ukr.] no.1:
67-68 Ja-Mr'63 (MIRA 17:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut monokris-
tallov, stsintilyatsionnykh materialov i osobenno chistykh
khimicheskikh veshchestv.

SHVAYKA, G.P.; PACHENKO, Ye.S.

Quantitative determination of *N*-aryldihydroxylamines by
potentiometric titration with sodium nitrite. Zhur.
anal. khim. 18 no.3:410-411 - Mr'63. (MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut
monokristallov, stsintillyatsionnykh materialov i osobo
chistyykh khimicheskikh veshchestv, Khar'kov.

PROTSSENKO, YE. P.

Protsenko, Ye. P. "Darnel of gladiolae," Byulleten' Glav. Botan.
sada, Issue 1, 1948, p. 79-82

SO: U-2888, Letopis Zhurnal'nykh Statev, No. 1, 1949

1. PROTSENKO, YE.
2. USSR (600)
4. Gladiolus
7. Storage of gladiolus bulbs., Bul. Glav. bot sadu., no. 11, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

PROTSSENKO, Ye.P.

Septoria leaf spot of sunflowers. Biul.Glav.bot.sada no.14:72-74 '52.
(MLRA 6:5)

1. Glavnyy botanicheskiy sad Akademii Nauk SSSR.
(Sunflowers--Diseases and pests)

PROTSENKO, Ye.P.

Pathogenic mycoflora of the Main Botanical Garden. Trudy Glav.bot.
sada 4:183-204 '54. (MIRA 8:5)
(Plant diseases) (Fungi, Pathogenic)

PROTSSENKO, Ye.P.

Diseases of gladiolus and measures for combating them. Trudy Glav.
bot.sada 4:205-229 '54. (MIRA 8:5)
(Gladiolus--Diseases and pests)

PROTSENKO, A.Ye.; PROTSENKO, Ye.P.

Causative agent of mosaic of gladiolus. Biul.Glav.bot.sada
no.19:115-117 '54. (MLB 8:2)

1. Institut mikrobiologii Akademii nauk SSSR. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Gladiolus--Diseases and pests)(Mosaic disease)

PROTSSENKO, Ye.P.

Development of I.V.Michuring's theories in the field of the protection of ornamental plants against diseases. Biul.Glav.bot.sada no.25:47-53 '56. (MIRA 10:1)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Plants. Ornamental--Diseases and pests)

ABRAKATOVA, L.L.; FRITSCHENKO, A.Ye.; PROTSSENKO, Ye.F.

Mycelium of oak trees in the south of the Far East. Izv. AN SSSR.
Ser. biol. no. 4: 606-612. J1-ag '64. (4TRA 17:10)

1. Institute of Microbiology, Academy of Sciences of the U.S.S.R.,
Moscow.

PROTSSENKO, Ye.P.

Development of pathogenic mycoflora during plant introduction.
Biol.Glav.bot.sada no. 48:80-84 '63. (MIRA 1' 45)

1. Glavnyy botanicheskiy sad AN SSSR.

PROTSENKO, Ye.P., kand.biolog.nauk

Fifth Conference of Czech Virologists. Vest. AN SSSR 32 no.12:

84-85 D '62.

(MIRA 15:12)

(VIRUS RESEARCH—CONGRESSES)

PROTSENKO, A.Ye.; PROTSENKO, Ye.P.

Cause of the disease of apical palm leaves in greenhouses. Izv.
AN SSSR.Ser.biol. no.6:909-914 N-D '62. (MIRA 16:1)

1. Institute of Microbiology and Main Botanical Garden,
Academy of Sciences of U.S.S.R., Moscow.
(PALMS--DISEASES AND PESTS)

TSITSIN, N.V., akademik; CHERKASSKIY, Ye.S.; PROSENKO, Ye.P.; MAZIN, V.V.;
LYADOVA, G.L.; KILIMNIK, Ye.Ye.

Effect of the insecticidal and fungicidal repellent dust
(IFRD-1) on cabbage clubroot. Dokl. AN SSSR 143 no.4:972-
975 Ap '62. (MIRA 15:3)

1. Glavnyy botanicheskiy sad AN SSSR i Opytno-pokazatel'nyy
sovkhoz im. Mossoveta Lyuberetskogo rayona Moskovskoy oblasti.
(Clubroot) (Fungicides)

PROTSENKO, Ye.P.; CHELYSHKINA, B.A.

Resistance of gladiolus varieties to fusarium wilt. Biul.Glav.bot.
sada no.37:92-96 '60. (MIRA 13:11)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Gladiolus--Disease and pest resistance)

PROTSENKO, Ye.P.; CHELYSHKINA, B.A.

Yellowing of gladioli caused by the infection with *Sclerotinia*
gladioli (Mass.) Dray. Biul.Glav.bot.sada no.36:95-98 '60.

(MIRA 13:7)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Moscow—Gladiolus—Diseases and pests)
(Fungi, Phytopathogenic)

PROTSENKO, Ye.P.; KUCHAYEVA, A.G.; CHELYSHKINA, T.A.

Antibiotics in mildew control. Biul.Glav.bot.sada no.35:78-82
'59. (MIRA 13:2)

1. Glavnyy botanicheskiy sad AN SSSR i Institut mikrobiologii
AN SSSR.

(Mildew)

(Antibiotics)

PROTOKOL, Ye. D.

2.1.8) NAME: SOV EXPLORATION SOV/237
 Moscow. Inzhenerno-fizicheskiy Institut
 Makotyye voprosy eksperimental'noy fiziki. Vyp. 1 (Some Problems in Experimental Physics, Nr 1) Moscow, 1959. 35 p. 3,000 copies printed.
 Sponsoring Agency: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya SSSR.
 Ed.: V.P. Sosenov, Candidate of Physical and Mathematical Sciences, Docent; Tech. Ed.: R.A. Nagrisovskaya.
 PURPOSE: This book is intended for physicists, chemists and other persons interested in general problems of nuclear physics and physical and chemical analysis.
 COVERAGE: The collection contains 10 articles dealing with problems in elementary particle acceleration, radiography and crystal structure analysis. The physical and chemical analysis and instrumentation in these fields. References and mention of personnel accompany each article.
 Kirillov-Ugryumov, V.I. and Yu.M. Izrael. Muzn Beams With Energies up to 70 MeV Produced on an Accelerator 3
 Burlakov, Y.D. Determination of Surface Temperature by the Method of Quoting Brilliances 13
 Kalaykov, A.A. and B.M. Stepanov. Activation of Weak Batteries in Press Pores 22
 Arsenkova, L.V., M.A. Batulina and B.M. Stepanov. Influence of the Velocity Distribution of Electrons on the Resolving Time of an Electron Multiplier 27
 Zhilyakov, B.M., Ye. D. Protitsenko and V.P. Sosenov. A Radio Spectrometer With High-Frequency Modulation of the Magnetic Field for Observing Electron Paramagnetic Resonance 37
 Sosenov, V.P. and V.Y. Yabulina. The Signal-to-Noise Ratio of the Input Device of a Radio Spectrometer 45
 Alekshov, G.M., B.M. Zhilyakov, Ye. D. Protitsenko and V.P. Sosenov. A Magnetic Field Intensity Regulator 53
 Tashkov, Ye.S. The Splitting Strength of Mica Along the Cleavage Plane in Air 63
 Kolyubina, A.A. The Spectrum of Radicals in a Nonisotropic Discharge in Flowing Vapors of Alcohols of the Aliphatic Series, Acetone and Diethyl Ether 67
 Vorob'yev, M.A. The Double Refraction of Crystals of the Aliphatic Series 76
 AVAILABLE: Library of Congress

Card 3/3

TS/esp
 3-21-60

1201522K0, Ye. D.

2.1.8) PHASE I BOOK EXPLOITATION 937/3247

Moscow. Institute of Physical and Mathematical Sciences, Dozent
 Moscow. Institute of Physical and Mathematical Sciences, Dozent
 Moscow. Institute of Physical and Mathematical Sciences, Dozent

Physics, No 1) Moscow, 1959. 85 p. 3,000 copies printed.

Sponsoring Agency: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya
 USSR.

Ed.: V. F. Semenov, Candidate of Physical and Mathematical Sciences, Dozent;
 Tech. Ed.: R. A. Negimovskaya.

Purpose: This book is intended for physicists, chemists and other persons
 interested in general problems of nuclear physics and physical and chemical
 analyses.

COVERAGE: The collection contains 10 articles dealing with problems in elementary
 particle acceleration, radiography and crystal structure. Physical and chemical
 analysis and instrumentation in these fields. References and mention of person-
 alities accompany each article.

Kirillov-Ugryumov, V. I. and Yu. M. Ivanov. Muon Beams With Energies up to
 70 MeV Produced on an Accelerator

Burakov, I. D. Determination of Surface Temperature by the Method of
 Equating Brilliances

Kalashnikov, A. A. and B. M. Stepanov / Activation of Weak Emitters in Press
 Forms

Artemenko, L. V., M. A. Petalina and B. M. Stepanov. Influence of the
 Velocity Distribution of Electrons on the Resolving Time of an
 Electron Multiplier

Zhiryakov, B. M., Ye. D. Protenko and V. F. Semenov. A Radio
 Spectrometer With High-Frequency Modulation of the Magnetic Field for
 Observing Electron Paramagnetic Resonance

Semenov, V. F. and V. I. Yakhvala. The Signal-to-Noise Ratio of the
 Input Device of a Radio Spectrometer

Aleksandrov, G. M., B. M. Zhiryakov, Ye. D. Protenko and V. F. Semenov.
 A Magnetic Field Intensity Regulator

Trubnov, Ye. D. The Splitting Strength of Mice Along the Cleavage Plane
 in Air

Kalyubina, A. A. The Spectrum of Radicals in a Electrode Discharge
 in Flowing Vapors of Alcohols of the Aliphatic Series, Acetone and
 Methyl Ether

Vorob'yev, M. A. The Double Refraction of Crystals of the
 Aliphatic Series

AVAILABLE: Library of Congress

Card 3/3

76/67
 5-21-60

PROTSENKO, Ye.P.

Fungus producing "burns" in roses. Biul.Glav.bot.sada no.33:
109-111 '59. (MIRA 12:10)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Roses--Diseases and pests) (Fungi, Phytopathogenic)

PROTSENKO, Ye. P.

Effect of soil conditions and Fusarium infection on the wilt of
gladioli. Biul. Glav. bot. sada no. 30:84-86 '58. (MIRA 11:6)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Gladiolus--Diseases and pests)

PROTSENKO, Ye.P.

Premature yellowing of gladioli. Biul. Glav. bot. sada no. 30:78-84
'58. (MIRA 11:6)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Gladiolus--Diseases and pests)

PROTSENKO, Yelena Pavlovna; PROTSENKO, Aleksey Yevstafiyevich; IL'INSKAYA,
M.I., otv. red.; ZAVZDARG, V.E., red. izd-va; MARKOVICH, S.G.,
tekhn. red.; KASHINA, P.S., tekhn. red.

[Concise atlas of the diseases of ornamental plants] Kratkii atlas
boleznei dekorativnykh rastenii. Moskva, Izd-vo Akad. nauk SSSR,
1961. 135 p. (MIRA 15:1)
(Plants, Ornamental) (Plant diseases)

Ye. P.
PROTSSENKO, Ye. P.

A new case of simultaneous infection of a gramineous plant by fungi and nematodes. Biul. Glav. bot. sada no.29:91-93 '57. (MIRA 11:1)

1. Glavnyy botanicheskiy sad AN SSSR.
(Moscow--Grasses--Diseases and pests)
(Fungi, Phytopathogenic) (Nematoda)

PROTSENKO, Z.I.
GAPONENKOV, T.K.; PROTSENKO, Z.I.

Properties of the sunflower pectin depending on the method of its extraction. Zhur. prikl. khim. 31 no.2:319-321 P '58. (MIRA 11:5)

1. Laboratoriya organicheskoy khimii Voronezhskogo sel'sko-khozyaystvennogo instituta.
(Sunflowers) (Pectins)

GAPONENKOV, T.K.; PROTSENKO, Z.I.

Determining pectin substances in apples by means of the
photoelectric colorimeter according to the coloring reaction.
Kons.i ov.prom. 18 no.1:29-30 Ja '63. (MIRA 16:2)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(Pectin—Analysis) (Apple)

PROTSENKO, Z.I.

"The Chemistry of Sunflower Pectin."

dissertation for the degree of Candidate of Chemical Sciences
(awarded by the Timiryazev Agricultural Academy, 1962)

(Investiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,
1961, pp 232-236)

GAPONENKOV, T. K.; PROTSENKO, Z. I.

Reaction of galacturonic and pectic acids with aluminum salts.
Izv. vys. ucheb. zav.; pishch. tekhn. no. 5:43-46 '62.
(MIRA 15:10)

1. Voronezhskiy sel'skokhozyaystvennyy institut, kafedra
organicheskoy khimii.

(Aluminum salts) (Galacturonic acids)
(Pectic acids)

GAPONENKOV, T.K., prof.; PROTSENKO, Z.I.

Pectin. Priroda 52 no.2:100-101 '63.

(MIRA 16:2)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(Pectin)

GAPONENKOV, T.K.; PROTSENKO, Z.I.

Pectic substances and their role in plants. Bot. zhur.
47 no.10:1488-1493 0 '62. (MIRA 15:12)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(Pectic substances)

Protzenko, Z. I.

✓ Pectin substances in sunflower. L. K. Gaponenkov and
Z. I. Protzenko (Agr. Inst. Voronezh). Zhur. Priklad.

2

Khim. 29, 1444-7(1958).—The chem. compn. of sunflower
as a function of the period of growth was detd. The min.
pectin content, 22% on dry basis, was found during the
period of seed formation. It increased to 27%. The vis-
cosity of the pectin was of the same order as that of apples.
I. Benecovita.

GAPONENKOV, T.K.; PROTSENKO, Z.I.

Pectins of sunflowers. Zhur.prikl.khim. 29 no.9:1444-1447
S '56. (MIRA 9:11)

1. Laboratoriya organicheskoy khimii Voronezhskogo
sel'skokhozyaystvennogo instituta.
(Pectin) (Sunflowers)

GAPONENKOV, T.K.; PROTSENKO, Z.I.

Extraction of galacturonic acid from pectin with the use of ion exchangers. Zhur.prikl.khim. 34 no.3:709-711 Mr '61. (MIRA 14:5)

1. Laboratoriya organicheskoy khimii Voronezhskogo sel'skokho-zyaystvennogo instituta.

(Galacturonic acid) (Pectin)

PROTSENKO, Z.I.; GAPONENKOV, T.K.

Gelation of pectin of sunflower heads. Izv.vys.ucheb.zav.;
pishch.tekh. no.3:146-149 '59. (MIRA 12:12)

1. Voronezhskiy sel'skokhozyaystvennyy institut. Laboratoriya
organicheskoy khimii.
(Pectins) (Sunflowers)

GAPONENKOV, T.K.; PROTSENKO, Z.I.

Pectins of sunflower heads. Izv. vys. ucheb. zav.; pishch. tekhn.
no.1:43-47 '58. (MIRA 11:8)

1. Voronezhskiy sel'skokhozyaystvennyy institut, Laboratoriya organicheskoy khimii.

(Pectin) (Sunflowers)

GAPONENKOV, T.K.; PROTSENKO, Z.I.

Effect of organic acids on the strength of pectin-sugar jellies. Izv.
vys.ucheb.zav.; pishch. tekhn. no. 4:26-28 '60. (MIRA 13:11)

1. Voronezhskiy sel'skokhozyaystvennyy institut. Kafedra organicheskoy
khimii.

(Pectin)

(Acids, Organic)

GAPONENKOV, T.K.; PROTSENKO, Z.I.

Splitting of pectins by enzymes by micro-organisms and the chemical nature of the end products. Mikrobiologiya 29 no.5:668-672 S-O '60.
(MIRA 13:11)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(ASPERGILLUS NIGER) (PECTIN)

GANOPENKOV, T.K.; PROTSENKO, Z.I.

Complex compounds of galacturonic acid with aluminum cations.
Zhur.neorg.khim. 9 no.4:841-844 Ap '64. (MIRA 17:4)

1. Voronezhskiy sel'skokhozyaystvennyy institut.

PROTSENKO, Z.I.

1958

1958 : Cultivated Plants. Compendium. Claitor, W.S.
 1958 : 1958, No. 4, 1959, No. 15745

1958 : 1958, No. 4, 1959, No. 15745

1958 : 1958, No. 4, 1959, No. 15745

1958 : 1958, No. 4, 1959, No. 15745

1958 : 1958, No. 4, 1959, No. 15745

1958 : 1958, No. 4, 1959, No. 15745

1958 : 1958, No. 4, 1959, No. 15745

CONFIDENTIAL

ABO. JOUR. : MZhBiol., No. 4, 1959, No. 15745

AUTHOR :

INST. :

TITLE :

ORIG. PUB. :

ABSTRACT : produced by two methods: extraction by hot water with subsequent precipitation by alcohol or also by the HCl extraction method of the All-Union Scientific Research Institute of the Confectionery Industry. The pectin produced by the second method possessed more valuable properties (lesser content of methoxyl radicals and ash and greater content of galacturonic acids, higher jelling capacity). The formation of a large quantity of free carboxylic radicals in the

GRD: 2/3

COUNTRY :
CARTAGE :

ABST. JOUR. : RZhBiol., No. 4, 1959, No. 15745

ABSTRACT :
INSTR. :
TITLE :

ORIG. PUB. :

ABSTRACT : pectin molecule improved its jellying capacity. The processing of pectin with 0.1 n. citric acid led to reduction of the ash content on account of displacement of cations Ca, Mg, Al and Fe; the number of free carboxylic radicals was increased. The jellying capacity is directly proportional to the pectin viscosity and does not depend on treating it with solutions of sugars. Treatment with solutions of mineral acids raised the pectin viscosity considerably. Bibliography 11 titles. --A.C. Vereshchagin

CARD: 3/3

GAPONENKOV, T.K.; PROTSENKO, Z.I.

Effect of metallic cations on the jellying power of sunflower pectin.
Izv. vys. ucheb. zav.; pishch. tekhn. no.5:35-39 '61. (MIRA 15:1)

1. Voronezhskiy sel'skokhozyaystvennyy institut. Kafedra organi-
cheskoy khimii.

(Pectin) (Cations)

PROTSEROV, A. V.

PROTSEROV, A. V.

Statistika pochvy osadkov za odnogo perioda na Evropeiskoi
territorii SSSR. Voprosy geografii. Sbornik stat. mat., 1951. 1.
158-162)

DLG: 621.76

SC: 20, Soviet Geography, Part 1, 1951, Uncl.

FAKTOREY, A. V.

24/79 Obshchaya sharakteristika zasuki I osnovnyye osobennosti zasuki 1946 goda.
Trudy tsentr. In-ta prognozov, vyp. 19, 1949, s. 1-12

62: LKIPES' NO. 25, 1949

PROTSEROV, A. V.

USSR/Meteorology - Soil Moisture

May 52

"Coefficient of Soil's Absorption of Precipitation
Falling in the Irrigated Region of South Ukrainian
and North Crimean Canals," A. V. Protsеров, Moscow
Cen Inst of Forecasting

"Meteorol i Gidrol" No 5, pp 18-22

Author states he is attempting to solve subject prob-
lem by observing actual moisture found in meter-
thick layer of soil under various crops during a
thrice-monthly detn of moisture. Results are tab-
ulated and show different data at various stations
for identical crops. States that the best

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absorbers of ppt are fields without crops or fields
with wide spaces between seedling.

229785

PROTSEROV, A.V.

DOLGOV, S.I.; PROTSEROV, A.V.

Soil Moisture

Reserves of soil moisture and saturation irrigation. Sov. Agrom. 10, no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, ~~December 1952~~ 1959. Unclassified.

PROTSEROV, A. V.

1. Protsеров, A. V. (ed.), *Sel'skokhoziaistvennaia meteorologiya*. [Agricultural meteorology.] Leningrad: Tsentral'nyi Institut Prognozov, Trudy, 29(56), 1953. 126 p., numerous figs. and tables. Refs. at end of each ch. DLC--The contents of this issue are devoted to special agricultural-meteorological studies carried out by the Central Institute of Forecasting for the Ministry of Agriculture of the U.S.S.R. which requested agrometeorological data for irrigation and grain production in the grain growing areas that are to be expanded in the Middle Volga region. The various studies are based upon agrometeorological data already available in the files of the Institute. Special new methods were devised to solve the various agrometeorological problems of this region. These include: 1) division of the calendar year into natural agricultural periods based upon temperature indices, 2) establishment of typical period crop growth on the basis of moisture conditions, 3) determination of the cause of destruction of winter crops at the time of injury, 4) determination of the amount of snow cover on a field, 5) frequency of sukhovei winds during the growth and reproductive period of winter and summer crops. Solutions are given to the following problems: 1) the precipitation requirement of the interphase periods of growth of crops; 2) the mean and extreme dates of onset of the development phases of various crops; 3) determination of total evaporation during the developmental phases of summer and winter crops; approximate method for calculating the sources of irrigation for summer crops, etc. The individual studies will be abstracted in *M.A.B.* (For listing of contents see Pt. 3, p. 550, April 1957, *M.A.B.*) Subject Headings: 1. Agricultural meteorology. 2. Agrometeorological research. 3. U.S.S.R.—I.L.D.

IV

PROTSEKOV, A.V.

Drought characteristics of the growing season of agricultural crops in the irrigated region of the Kuybyshev hydroelectric development. Trudy TSIP no.29:5-59 '53. (MLRA 8:6)
(Kuybyshev Hydroelectric Power Station region--Crops and climate)

PROTSEKOV, A. V.

Subject : USSR/Meteorology AID P - 2491

Card 1/1 Pub. 71-a - 1/26

Author : Protserov, A. V., Kand. Geogr. Sci.

Title : Determining conditions for the operation of harvester thrashers in virgin soil and wasteland areas on the basis of meteorological data

Periodical : Met. i Gidro., 3, 1-7, My-Je 1955

Abstract : The influence of humidity on grain and straw, and consequently on the operation of harvester thrashers, was studied by the Novosibirsk Geophysical Observatory and the Novosibirsk Hydrometeorological Service in September-October 1954. The article reports the results of these observations and graphically presents dependence of the humidity of grain and straw on that of the air. The importance of utilizing diurnal dry-air periods for harvesting and thrashing is stressed.

Institution : None

Submitted : No date

PROTSEROV, A.V.

Agrometeorological conditions for the growth of spring wheat and technical crops in Stalingrad, Rostov, and Astrakhan Provinces, and calculation of their irrigation norms. Trudy TSIP no.41: 21-30 '55.

(MIRA 9:1)

(Wheat) (Crops and climate)

PROTSEROV, A.V.

Agricultural meteorological indexes determining the rate of passage
of the interphase waxy to full maturity period of spiked grains.
Meteor. i gidrol. no.1:35-40 '56. (MIRA 9:6)
(Crops and climate) (Grain)

PROTSEKIN, A.V.

PROTSEKIN, A.V.

Agricultural meteorology in the service of agriculture for twenty
years. Trudy TSIP no. 55:64-71, 1957. (MLHA 10:9)
(Meteorology, Agricultural)

USSR / Cultivated Plants. Cereal Crops.

M-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58512

Author : Protserov, A. V.

Inst : Not given

Title : Agrometeorologic Conditions at the Time of Grain Harvesting

Orig Pub : Vestn. s.-kh. nauki, 1957, No 7, 83-94

Abstract : On the basis of the data collected by a great number of agrometeorological stations, the author proposes to take into consideration the evaporation of water from open reservoirs (30 mm - for zones of sufficient and excessive moisture and 35 mm - for arid zones and those with insufficient moisture) and the average daily deficit of air moisture in order to calculate the time when grain crops become fully ripe. The period between the stages of wax and full grain ripeness lasts between 4 and 20 days. Computations on the duration of separate grain harvesting

Card 1/2

USSR / Cultivated Plants. Cereal Crops.

M-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58512

for three zones enveloping the European part of the USSR and the Western Siberia are given. The average percentage of moisture of harvested grain for a given region can be found according to the average deficit of air moisture during the period of harvesting based on data collected for many years. Three zones, which have grain moisture under 14, between 14 and 17 and over 17% are separated. Computations of probabilities of getting grain of determined moisture content after the advent of the full ripeness in various regions are given. -- I. N. Zaikina

Card 2/2

3 (1)
AUTHOR:

Protserov, A. V.

SOV/50-59-3-5/24

TITLE:

On the Problem of Computing the Amounts of Grain of the Summer Cultures Which Must Be Dried After the Harvesting According to Meteorological Data (K voprosu rascheta po meteorologicheskim dannym kolichstva zerna yarovykh kul'tur, trebuyushchego posleuborzhnogo sushki)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 3, pp 29 - 32 (USSR)

ABSTRACT:

The summer cereals are harvested in the USSR at different times. In this paper two methods of computing the total amount of grain which must be dried are compared. One method was developed by Ye. Ya. Agafonov (Ref 1). The results of the computations using his formula are shown in figure 2 for the European part of the USSR, West Siberia and North-Kazakhstan. In the second method the author of the present paper makes use of his own investigation results (Ref 2). In this paper the author states that the humidity of the grain when it attains full ripeness depends on the humidity of the air. If the average value calculated over a number of years of the humidity deficit during the harvest time is known the humidity of the grain which is conveyed to the

Card 1/2

On the Problem of Computing the Amounts of Grain of the Summer Cultures Which Must Be Dried After the Harvesting According to Meteorological Data SOV/50-52-1-5/24

combine-bunker may be determined for any point of the USSR. The results of such a computation are shown in a map (Fig 3). The method of calculation is also explained. The computations according to these two methods showed no marked differences. The characteristic difference was that according to the second method (of the author) a vast dry zone was ascertained in the southern steppes of the European part of the USSR and in Kazakhstan. The probability of obtaining grains with increased humidity content (of more than 15%) is very low in this zone. Only in certain years up to 10% of the grains of these areas may be harvested with such a humidity content. There are 4 figures, 1 table, and 2 Soviet references.

Card 2/2

PROTSEROV, Aleksey Vladimirovich; KATSHEN'SON, S.M., red.; SAVCHENKO,
Ye.V., tekhn.red.

[Climate, weather, and crops] Klimat, pogoda i urozhai. Moskva,
Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po
rasprostraneniю politicheskikh i nauchnykh znaniy. Ser.5, Sel'skoe
khoziaistvo, no.3) (MIRA 13:2)
(Crops and climate)

PROTSEROV, A.V., kand.geograf.nauk; LUBNIN, M.G.

Influence of humidity on the work of the INK-3.5 straw chopper.
Meteor. i gidrol. no.5:52-54 My '65.

(MIRA 18:4)

1. Tsentral'nyy institut prognozov.

GULINOVA, N.V., PROTSEROV, A.V., TSIRKOV, YU.I.

"Agroclimatology in agriculture."

Report submitted to the Conf. on the Application of Science and Technology
for the Benefit of the Less Developed Areas.
Geneva, Switzerland 4-20 February 1963

ULANOVA, Ye.S.; KOITORSHCHIKOVA, O.M.; ZVERINTSEVA, Y.e.S.; YARTSEVA,
N.A.; PROTSEPOV, A.V., nauchnyy red.; MOKRETSOV, A.M., red.;
ZEMTSOVA, T.Ye., tekhn. red.

[Applicability of agrometeorological forecasting methods in different regions of the U.S.S.R.; results of field tests] Primenenie metodov agrometeorologicheskikh prognozov v razlichnykh raionakh SSSR; rezul'taty proizvodstvennykh ispytaniy. Pod red. A.V.Protserova, E.S.Ulanovoi. Moskva, Gidrometeor. izd-vo, 1961. 156 p. (MIRA 15:2)

1. Moscow. Tsentral'nyy institut prognozov.
(Meteorology, Agricultural)

PROTSEROV, V., inzh.

A birch parquet is as good as one of oak. Prom.koop. 14
no.2:20 F '60. (MIRA 13:5)

1. Institut "TSentropromproyekt," Moskva.
(Parquet floors)

1ST AND 2ND ORDERS		PROCESSES AND PROPERTIES INDEX	
Edible wild plants as sources of vitamin C. B. M. Protserov. <i>Voprosy Pitaniya</i> 1941, No. 1, 83-4. Many wild fruits, berries, leaves and stems contain more ascorbic acid than the cultivated varieties. Tables show the C-vitamin activity of many wild plants, berries and fruits in bud, units per kg. The sweet brier and <i>Actinidia</i> spp. are distinguished by a very high activity. S. Mochelov		12	
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION			
IRONI EXHIBITION		IRONI EXHIBITION	

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
COMMON ELEMENTS																										COMMON VARIANTS																									
CA Vitamin A content of fishes of the Amur basin. N. F. Belikov and B. M. Protasov. <i>Biokhimiya</i> 9, 369-75 (1944).—The various species of fishes in the Amur region have been examined for vitamin A content. The non-saponified fish fat gives a much higher value by the Carr-Price method than the saponified fat. Accurate vitamin A determinations of the fish fats must be accompanied by saponification. H. Priestley 17																										COMMON ELEMENTS																									
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COMMON ELEMENTS																										COMMON VARIANTS																									

PA 49/49T49

USSR/Medicine-Hygiene and Sanitation Nov 48
Medicine-Bacteriology

"Leucocytes in Milk (Preliminary Information),"
Col B. M. Protserov, Med SV Hygiene and Sanita-
tion Dept SSO 27, 28 pp

"Gig 1 San" No 11

Cellular elements of milk consist mainly of
leucocytes and an insignificant number of epi-
thelial cells. Refers to various attempts to
determine presence of pus cells in milk. Three
methods were developed: (1) Computation of cells
in centrifuged milk, (2) so-called "volumetric

49/49T49

USSR/Medicine-Hygiene and Sanitation (Contd) Nov 48

Dean Beiley method," and (3) Tromsdorf method.
States these methods are unsatisfactory because
they determine only type and degree of infection
and not its nature. A neutrophil count is
essential to determine the pathologic nature of
a disease.

X SANTARNO-EPIDEMICHESKIY OTYAD
(EPIDEMIC SANITATION UNIT)

49/49T49

the leucocytes of milk Gigena 1948, 11 (33-35)

The various methods by which the cellular elements in milk samples may be determined are critically appraised. None of the methods described (cell count in the sediment after centrifugalization, volumetric method of Doan-Buckley, Tromsdorf's test, and Prescott and Bread's leucocytic count) is free from disadvantages; moreover, although providing some information on the degree and extent of infection, these methods give no indications concerning the nature of the infection. Preliminary experiments carried out gave promising results and indicate that, by studying statistically and morphologically the leucocyte content of milk samples, a judgement can be formed of the suitability or otherwise of such milk for human consumption. The percentage of polynuclear neutrophils especially may be useful in determining the nature of abnormalities present in any particular milk sample.

Fox - (World Medical Abstract)

SO: Physiology Biochemistry and Pharmacology. Section II, Vol 2, No. 9.

CA

14

Characteristics of drinking water containing iron. Vn
A. Troitskii and B. M. Protserov. *Gigiena i Sanit.* 1951,
No. 7, 19.—Water of the Khabarovsk area may contain as
much as 30 mg./l. Fe, especially in very deep wells.
Aeration serves to remove 50-60% of the Fe content. Co-
agulation effectively removes the ferric form, while over-
chlorination removes all forms quite satisfactorily. Pptd.
Fe and its compds. are removable by filter beds (charcoal or
sand). Bactericidal action of Cl is reduced by the high Fe
level and dosage of Cl must exceed the ferrous Fe content to
be effective. G. M. Kosolapoff

PROTSEROV, B.M.

Carotine content in pickled and dried carrots. Gig. sanit., Moskva no.10:
34-37 Oct 1952.
(CIML 23:4)

PROTSEROV, D.M.

Preparation and preservation of concentrated carotene. Gig. sanit.,
Moskva no. 1:41-42 Jan 1953. (CLML 24:2)

PROTSKHOV, I.

Specialization of the automobile repair plants at the Executive Committee
of the Moscow City Soviet of Workers' Deputies. Avt. transp. 36 no. 11:
30-32 N '58. (MIRA 11:11)
(Moscow--Automobiles--Maintenance and repair)

PROTSEROV, I. A.

PROTSEROV, I. A. "The development of river rectification work," In the symposium: Materialy tekhn. soveshchaniy po putevym rabotam (M-vo rech. flota SSSR), Moscow, 1949, p. 59-69.

SO: U-5240, 17Dec53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

PROTSEROV, I.P.; MALYSHEV, G.A.

Schools for the collective practical training at the "Arenkus" Plant.
Gor.khoz.Mosk. 33 no.2:36-37 F '59. (MIRA 12:3)
(Moscow--Automobiles--Maintenance and repair)

PROTSEROV, I.P.; PEREGUDOV, A.F.

Eliminating the shop as a unit in reorganizing automobile repair plants of the Executive Committee of the City of Moscow. Gor. khoz. Mosk. 33 no.4:11-13 Ap '59. (MIRA 12:6)

1. Nachal'nik Upravleniya avtoremontnykh zavod i avtotekhsnabzheniya Mosgorispolkoma (for Protsеров). 2. Nachal'nik planovogo otдела Upravleniya avtoremontnykh zavodov i avtotekhsnabzheniya Mosgorispolkoma (for Peregudov).

(Moscow--Automobiles--Maintenance and repair)
(Factory management)

PROFSEROV, I.P., inzhener; GIMMEL'FARB, Z.D., inzhener.

New-type trucks for transporting industrial products and mobile
lunch counter trailers. Gor.khoz.Mosk. 28 no.1:23-25 Ja '54.

(MIRA 7:2)

(Motor trucks) (Automobiles--Trailers)

PROTSEKOV, I.P.

Development of automobile repair plants in Moscow. Ger.
khoz. Mosk. 33 no.10:10-15 0 '59. (MIRA 13:2)

1. Nachal'nik Upravleniya avtoremzavodov i avtotekhnabzheniya
Mosgorispolkoma.
(Moscow--Automobiles--Maintenance and repair)

PROTSEHO7, I.P.

New machinery for municipal needs. Gor. khoz. Mosk. 34
no.9-9-12 S '60. (MIRA 13-9)

I. Zaveduyushchiy Moskovskim gorodskim otdelem narodnogo
obrazovaniya.
(Street cleaning machinery)

PROTSEROV, I. I.

Protsorov, I. P. "On improving the quality and expanding the assortment of Consumer goods Gor. khoz-vo Moskvu, 1948, No. 12, p. 5-10

SO: U-3264, 10 April 53 (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

PROTSEROV, I.P., nachal'nik.

What is new in the technology and organization of major repairing of automobiles. Gor.khoz.Mosk. 27 no. 3:21-25 Mr '53. (MLRA 6:5)

1. Upravleniye avtoremontnykh zavodov Mosgorispolkoma. (Automobiles—Repairing)

18

PRODUCTION OF RARE EARTH FLUORIDES FROM LOVCHERRITE BY THE AMMONIA METHOD. I. ZAOVERSKII AND P. PROKHOROV. *Russ. Metal.* 6, No. 5-6, 32 (1937); cf. C. A. 20, 60507. —The concentrate contg. the rare earth minerals, feldspar, nephelite and other impurities is digested with HCl, neutralized with NH₄OH with triquesin (a) indicator and filtered. The rare earths are pptd. with excess NH₄OH, dissolved with HCl and H₂SO₄ and repptd. The sec. ppt. is dissolved with HCl and the rare earths are pptd. with HF.

H. W. RATHMANN

ASM. S. L. S. METALLURGICAL LITERATURE CLASSIFICATION

140300 * 140300 * 140300 *

PROTSKOV, S., ekonomist

Increase managerial authority to encourage technological innovations. Sots.trud no.12:129 D '59.

(MIRA 13:4)

1. Moskovskiy avtozavod im.Likhacheva.
(Incentives in industry) (Industrial)

PROTSEROV, S.

Business accounting within the factory. Vop.ekon. no. 4:104-107
Ap '57. (MLRA 10:5)

1. Nachal'nik planovogo otдела Moskovskogo avtozavoda imeni Likhacheva.
(Automobile industry--Accounting)

PROTSEROV, Serafim Aleksandrovich; BAGINSKIY, M.N., spets.red.;
ZAV'YALOVA, A.N., red.; PONOMAREVA, A.A., tekhn. red.

[Intraplant business accounting] Vnutrizavodskoi khozras-
chet. Moskva, Ekonomizdat, 1963. 175 p. (MIRA 16:7)
(Automobile industry—Finance)

LIPSHITS, B.S.; TOMASHPOL'SKIY, I.A.; KAROCHKINA, A.A.; PROTSEROV, S.A.;
VASIL'YEVA, A.N.

Intrafactory price lists for tools and equipment..Avt.prom. 29
no.3:1-2 Mr '63. (MIRA 16:3)

1. Moskovskiy avtozavod imeni Likhacheva.
(Industrial equipment)

PROTSEKOV, S. A.

PROTSEKOV, Serafim Aleksandrovich; GUROV, S., red.; YAKOVLEVA, Ye., tekhn.
red.

[Economic conferences in plants; practices of the I.A.Likhachev
Automobile Plant] Zavodskaya ekonomicheskaya konferentsiya; is
opyta avtozavoda imeni I.A.Likhacheva. [Moskva] Moskv. rabochii,
1957. 41 p. (MIRA 11:2)

1. Nachal'nik planovo-ekonomicheskogo otdela Moskovskogo avtomobil'-
nogo zavoda (for Protserov)
(Industrial management)

1. S. A. PROTSEROV
2. USSR (600)
4. Automobile Industry
7. Method of calculation of economy from the realization of organizational and technical measures. Vest. mash. 32 no. 12. 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

NESHITOV, Grigoriy Akimovich; PANTER, B.Ya., retsenzent; PROTSEKOV, S.A.,
retsenzent; ROZENBLIT, Ya.M., red.; TKACHUN, A.I., red.izd-va;
MODEL', B.I., tekhn.red.

[Production analysis of plants; practices of a plant] Analiz
proizvodstvennoi delatel'nosti zavoda; iz opyta raboty zavoda.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959.
116 p.

(MIRA 12:5)

(Machinery industry)

PROTSKHOV, Serafim Aleksandrovich; TYAGAY, Ye., redaktor; MUKHIN, Yu.,
tekhnicheskii redaktor

[Organizational and technical plan of an enterprise; the experience
of the I.A.Likhachev Automobile Plant in Moscow] Organizatsionno-
tekhnicheskii plan predpriiatiia; opyt Moskovskogo avtozavoda imeni
I.A.Likhacheva. Moskva, Gos. izd-vo polit. lit-ry, 1956. 81 p.

(Industrial management)

(MLRA 9:9)

PROTSEROV, V., inzh.

Panel parquet floor made of birch strips. Zhil.-kom. khoz. 11
no. 7:27-29 J1 '61. (MIRA 14:7)
(Birch) (Parquet floors)

PROTSEROV, V.P.

Standard plans for service enterprises. Gor. khoz. Mosk. 35
no.8:27-29 Ag '61. (MIRA 14:8)

1. Glavnyy inzhener instituta "TSentropromproyekt".
(Mercantile buildings)

PROTSEROV, V.P., inzh.

Experimental manufacture of birch panels for parquet floors. Der.
prom. 9 no.7:23-25 J1 '60. (MIRA 13:7)

1. TSentropromproyekt.

(Parquet floors)

(Birch)

PROTSEROV, V.P., inzh.

Parquet boards made of petrolatum treated birch staves.
Gor.khoz.Mosk. 33 no.11:20-23 N '59. (MIRA 13:2)
(Parquet floors)

RAYKHER, I.I.; PROTSEROVA, N.M.; ROMANOVA, N.M.; MASTERSKIKH, L.A.

On the problem of the gamma globulin content of blood serum of donors
(electrophoretic and turbidimetric determination). Probl. gemat.
i perel. krovi 5 no.2:52-54 F '60. (MIRA 14:5)

1. Iz biokhimicheskoy korevoy laboratorii Permskogo nauchno-
issledovatel'skogo instituta vaktsin i syvorotok (dir. A.P.
Kobyl'skiy).

(GAMMA GLOBULIN)

(BLOOD DONORS)

L 48819-65

ACCESSION NR: AP5008336

S/0115/65/000/001/0035/0036

AUTHOR: Kochan, V. A.; Lakh, V. I.; Palyanytsya, I. F.; Protsevyat, M. M.

TITLE: Automatic low-temperature recorder

SOURCE: Izmeritel'naya tekhnika, no. 1, 1965, 35-36

TOPIC TAGS: recorder, low temperature recorder

ABSTRACT: Shortcomings are discussed of the conventional bridge circuits for measuring low resistance (fraction of ohm) when such circuits are applied for measuring the resistance of a platinum thermometer (in the 90—10K range). The a-c compensator circuit is proposed for measuring such temperatures because the instrument reading is independent of the supply-voltage variation and leads resistance. Successful testing of the new low-temperature measuring instrument, consisting of an automatic recording a-c compensator and a platinum resistor, is reported. Orig. art. has: 3 figures and 3 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: GP, IE

NO REF SOV: 005

OTHER: 000

Cord 1/1

KATSVIN, A.V.; CHEREVATENKO, A.S.; VASIL'YEV, K.V.; PROTOSEVICH,
L.A.; CHERNOVALOVA, V.P.; LEPLINSKAYA, A.A.; PAVLOV, A.K.;
TASHMATOV, L.T.; SMIRNOV, P.K.; SOLDATOV, P.K.; KHAYDARKULOV, G.Y.;
TSEYTLIN, M.G., kand. sel'khoz.nauk; KUZNETSOV, V.V., kand.
sel'khoz.nauk, otv. red.; KRIVONOSOVA, N.A., red.; SOROKINA, Z.I.,
tekhn. red.

[Best fruit and grape varieties for drying and preserving in the
southwestern regions of Uzbekistan] Luchshie sorta plodovykh i
vinograda dlia sushki i konservirovaniia v iugo-zapadnykh ob-
lastiakh Uzbekistana. Tashkent, MSKh UzSSR, 1961. 162 p.

(MIRA 15:7)

1. Institut sadovodstva i vinogradarstva im. R.R.Shredera. Sa-
markandskiy filial. 2. Samarkandskiy filial Instituta sadovod-
stva i vinogradarstva im. R.R.Shredera (for all except Kuznetsov,
Krivonosova, Sorokina).

(Uzbekistan--Fruit--Varieties)

(Uzbekistan--Grapes--Varieties)

ACC NR. AP0000000

SOURCE CODE: UR/0413/66/000/013/0106/0106

INVENTOR: Pitkevich, A. A.; Protskevich, A. I.

ORG: None

TITLE: A device for number comparison. Class 42, No. 183483 [announced by the Plant (saved) imeni G. K. Ordzhonikidze]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 106

TOPIC TAGS: computer component, logic circuit, digital decoder

ABSTRACT: This Author's Certificate introduces a device for number comparison using decoding by digital place. The circuit is simplified and the amount of equipment is reduced by using identical series-connected three-digit sections including AND, NOT and OR logic circuits. The direct inputs of the first, second and third digits of the section for the first (second) number are connected to the first, second and third AND circuits of the first (second) number respectively. Also connected to these AND circuits are the inverse inputs of these same digits of the second (first) number. The outputs of the second and third AND circuits of the first (second) number are connected to the inputs of the first and second NOT circuits of the first (second) number respectively. The inputs of the OR circuit for the first (second) number are connected to the outputs of all three AND circuits for the first (second)

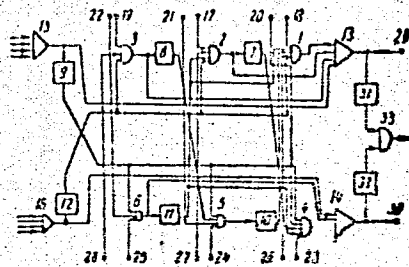
Cord 1/2

UDC: 681.142.07

ACC NR: AP6025653

number of the given section and to the output of the OR circuit of the first (second) number of the preceding section. The output of this OR circuit is also connected to the input of the third NOT circuit for the first (second) number. The outputs of each of the NOT circuits for the first (second) number are fed to the inputs of the corresponding and all smaller AND circuits for the second (first) number. Connected to the outputs of the OR circuit for the least significant section (which are simultaneously the outputs for the entire device) are two NOT circuits tied to the input of an AND circuit whose output serves as the third output for the entire device.

1-3--first, second and third AND circuits for the first number; 4-6--first, second and third AND circuits for the second number; 7-9--first, second and third NOT circuits for the first number; 10-12--first, second and third NOT circuits for the second number; 13 and 14--OR circuits of the first and second number for the given section; 15 and 16--OR circuits of the first and second numbers of the preceding section; 17-19--direct inputs for the first, second and third digits of the triad; 20-22--inverse inputs for the corresponding digits of the first number; 23-25--direct values of the first, second and third digits for the triad of the second number; 29 and 30--inputs of the following section; 31 and 32--NOT circuit; 33--co-incidence circuit



SUB CODE: 09/ SUBM DATE: 03Jun65

Card 2/2

ACCESSION NR: AR4034733

S/0124/64/000/003/B087/B088

SOURCE: Ref. zh. Mekhan., Abs. 3B537

AUTHOR: Protakiy, A. Ye., Stepanchuk, V. F.

TITLE: Heat emission of a flat plate with a laminar boundary layer

CITED SOURCE: Sb. Issled. v obl. teploobmena i aerodinamiki potokov. Minsk, M-vb vy'ssh., sredn. spets. i prof. obrazovaniya BSSR, 1963, 26-31

TOPIC TAGS: hydrodynamics, heat exchange, boundary layer, heat emission, laminar boundary layer

TRANSLATION: An expression is given for the determination of local coefficients of heat emission α and Nusselt Number N for a flat plate washed by a laminar stream. The value of quantity α and N are arrived at from a Fourier equation and from the condition that the heat from the side of the plate goes only to heat the liquid moving within the limits of a boundary layer. It is assumed here that the infinite speed and temperature are polynomials of the fourth and fifth orders respectively.

DATE ACQ: 02Apr64

SUB CODE: AI, FH

ENCL: 00

Card 1/1

WILKINSON, Vladimir Alexandrovich; VORONIK, Albert Leonovich,
prof.; MIRSAILOVA, Laya Markovna; GUSEV, Anatoly
Yefimovich; GLINKIN, Ilya Ilyich.

[General heat engineering; a laboratory manual] Ob-
shchaya teplovaia tekhnika i sootvetnyye praktikumi. [By] V.A.
Bondarev. Br. Minsk: Vysshaya shkola, 1975. 111 p.
(MIRA 8.10)

1. Obshchaya tekhnika. M. 80. russkoye ST. (1. 8. Vozrast).

PROTSKIY, A.Ye., inzh.

Generalized results of the study of cyclone drying of milled peat.
Izv.vys.ucheb.zav.; energ. 4 no.5:57-59 My '61. (MIRA 14:6)

1. Belorusskiy politekhnicheskiy institut. Predstavlena kafedroy
teoreticheskoy i obshchey teplotekhniki.
(Peat—Drying)